

## **COLLAPSIBLE BICYCLE CASE**

**ABSTRACT:** A lightweight bicycle transport case that has components which join to a central frame structure and then join together to form a complete bicycle case. The preferred embodiment and an additional embodiment of the central frame structure can be easily transported while riding a bicycle. The major components of the bicycle case consist of panel assemblies **34**, a top cover **76**, a front bracket **54**, a rear bracket **56**, and caster assemblies **60**. The panel assemblies **34** each consist of four panels joined by hinges. The panel assemblies can be reconfigured from their open bicycle case position to their closed compact position which is easy to transport. The top cover **76** joins the opened panel assemblies **34** together into a complete bicycle case. The front bracket **54** and the rear bracket **56** provide an adjustable mounting interface between the central frame structure and the bicycle. Caster assemblies **60** provide the rolling mechanisms that allow for the bicycle case to be easily manually transported.